



SEQUENCE LISTING

<110> Northwestern University

<120> Polypeptoid Pulmonary Surfactants

<130> 6374

<140> US 09/788,308

<141> 2001-02-16

<150> US 60/182,847

<151> 2000-02-16

<160> 4

<170> PatentIn version 3.1

<210> 1

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<221> MISC_FEATURE

<222> (1)..(2)

<223> Either Phe, Cys with an attached palmitoyl residue, or N-substituted peptoid

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> One or more N-substituted glycine residues, such substituent
s inc
luding but not limited to a proteinogenic amino acid side ch
ain o
r a carbon analog thereof

<400> 1

Xaa Xaa Pro Val His Leu Lys Arg Gly
1 5

<210> 2

<211> 79
 <212> PRT
 <213> Homo sapiens

<400> 2

Phe Pro Ile Pro Leu Pro Tyr Cys Trp Leu Cys Arg Ala Leu Ile Lys
 1 5 10 15

Arg Ile Gln Ala Met Ile Pro Lys Gly Ala Leu Arg Val Ala Val Ala
 20 25 30

Gln Val Cys Arg Val Val Pro Leu Val Ala Gly Gly Ile Cys Gln Cys
 35 40 45

Leu Ala Glu Arg Tyr Ser Val Ile Leu Leu Asp Thr Leu Leu Gly Arg
 50 55 60

Met Leu Pro Gln Leu Val Cys Arg Leu Val Leu Arg Cys Ser Met
 65 70 75

<210> 3
 <211> 35
 <212> PRT
 <213> Homo sapiens

<400> 3

Phe Gly Ile Pro Cys Cys Pro Val His Leu Lys Arg Leu Leu Ile Val
 1 5 10 15

Val Val Val Val Val Leu Ile Val Val Val Ile Val Gly Ala Leu Leu
 20 25 30

Met Gly Leu
 35

<210> 4
 <211> 24
 <212> PRT

<213> Homo sapiens

<220>

<221> MISC_FEATURE

<222> (9)..(24)

<223> Fifteen N-substituted glycine residues, each such residue 2-methy
lpropyl substituted.

<400> 4

Phe	Phe	Pro	Val	His	Leu	Lys	Arg	Gly	Gly	Gly	Gly	Gly	Gly	Gly	Gly
1				5					10					15	

Gly	Gly	Gly	Gly	Gly	Gly	Gly	Gly
			20				